

F5 Configuring BIG - IQ

Duration: 2 Days

Course Description:

The course is for system and network administrators responsible for the installation, setup, configuration, and administration of the BIG-IQ system. Or it can be undertaken by operators who require some knowledge of how the systems are setup, but usually concentrate on performing particular operational tasks whether on BIG-IQ or via BIG-IQ on the managed BIG-IP devices.

Prerequisites:

BIG-IQ manages BIG-IP devices and its associated products, so you need to be familiar with BIG-IP as well as having knowledge and experience of general network technology. For BIG-IP, students should have already completed a BIG-IP based training course such as the Administering BIG-IP instructor-led course or further courses.

Audience:

This course is intended for system and network administrators who are responsible for the installation, setup, configuration, and administration of the BIG-IQ system. It is also suitable for operators who require a foundational understanding of how the systems are set up but primarily focus on performing specific operational tasks, either on BIG-IQ or through BIG-IQ on the managed BIG-IP devices. Whether you are a system administrator looking to gain expertise in managing BIG-IQ or an operator needing to perform operational tasks, this course provides the knowledge and skills necessary to effectively deploy and administer the BIG-IQ system.

Course Outlines:

BIG-IQ Overview

- BIG-IQ Centralized Management
- BIG-IQ Approach
- BIG-IQ Core Functionality
- REST API
- BIG-IQ Data Collection Device (DCD)
- BIG-IP Cloud Edition (CE)
- Setting Up the BIG-IQ System

Administering the BIG-IQ System

- Controlling Access to the BIG-IQ
- Creating, Authenticating, Configuring Users and their Roles
- System Backups
- Configuring DNS, NTP, and SMTP
- Monitoring the BIG-IQ, DCD, and BIG-IP events and alerts
- Monitoring BIG-IQ with iHealth
- Post Installation Issues; Licensing, Changing Management IP, Master Key, Restoring Backups
- Managing BIG-IP LTM Devices
 - BIG-IP LTM Device Discovery
 - BIG-IP Device Backup
 - Deploying to BIG-IP Devices, Various Methods and Logs
 - BIG-IQ Configuration Snapshots
 - Managing BIG-IP Certificates
 - Managing BIG-IP Licenses
 - Monitoring BIG-IP Devices with iHealth
 - Management of QKView Reports from Managed BIG-IP Devices
- Setting Up the BIG-IQ Data Collection Device
- Custom Role Types and Groups
 - Setting up User Accounts with custom roles and privileges
- Managing BIG-IP DSC
 - Discovery and management of BIG-IP Device Clusters (DSC) with BIG-IQ
- Administering BIG-IQ High Availability
 - Configuration and management of BIG-IQ systems in a High Availability pair

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